

## EAST Search History

| Ref # | Hits | Search Query  | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------------|------------------|---------|------------------|
| S1    | 1    | ("6046832").PN.   | USPAT; USOCR                       | OR               | OFF     | 2008/02/08 15:29 |
| S2    | 22   | ("6046832").URPN.   | USPAT                              | OR               | OFF     | 2008/02/08 15:31 |
| S3    | 90   | WDM and work\$7 and protect\$7 and switch\$5 and ((50/50) or (50:50))                             | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/02/08 15:51 |
| S4    | 12   | S3 and @py<="2002"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/02/08 15:51 |
| S5    | 103  | multiplex\$7 and demultiplex\$7 and work\$7 and protect\$7 and switch\$5 and ((50/50) or (50:50)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/02/08 16:03 |
| S6    | 11   | S5 and @py<="2002"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/02/08 16:03 |
| S7    | 1    | "20030161629" and ((50/50) or (50:50))  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/02/08 16:25 |
| S8    | 51   | S3 and @ay<="2002"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/02/08 16:37 |
| S9    | 7    | Weishi with Li.in.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/02/11 10:15 |
| S10   | 1    | ("6292281").PN.   | USPAT; USOCR                       | OR               | OFF     | 2008/02/11 10:17 |
| S11   | 1    | ("5717796").PN.   | USPAT; USOCR                       | OR               | OFF     | 2008/02/11 10:19 |
| S12   | 3    | Youdao with Xue.in.   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/02/11 10:20 |
| S13   | 8    | Dianjun with Xiao.in.   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/02/11 10:21 |

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|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S14 | 85  | Yanming with Liu.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 10:22 |
| S15 | 3   | Wenbin with Luo.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 10:24 |
| S16 | 3   | Shiyin with Zhang.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 10:25 |
| S17 | 254 | 398/2-7.ccls. and (work\$7 and protect\$7 and switch\$5)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 10:31 |
| S19 | 83  | 398/45.ccls. and (work\$7 and protect\$7 and switch\$5)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 10:32 |
| S20 | 55  | S19 and @ay<="2002"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 10:32 |
| S21 | 1   | ("5982517").PN.   | USPAT;<br>USOCR                             | OR | OFF | 2008/02/11 11:00 |
| S22 | 26  | ("5982517").URPN.   | USPAT                                       | OR | OFF | 2008/02/11 11:01 |
| S23 | 4   | ("5448389"   "5576875"   "5757768"   "5760935").PN.                   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2008/02/11 11:04 |
| S24 | 2   | "20030161629"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 12:13 |
| S25 | 1   | S24 and (WDM or (wavelength\$2 adj division adj multiplex\$4))        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 12:13 |
| S26 | 90  | WDM and work\$7 and protect\$7 and switch\$5 and ((50/50) or (50:50)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 13:15 |
| S27 | 51  | S26 and @ay<="2002"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 13:15 |

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|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S28 | 254 | 398/2-7.ccls. and (work\$7 and protect\$7 and switch\$5)                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 13:26 |
| S29 | 185 | S28 and @ay<="2002"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 13:26 |
| S30 | 173 | 398/2-7.ccls. and (WDM and work\$7 and protect\$7 and switch\$5)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 13:38 |
| S31 | 118 | S30 and @ay<="2002"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 13:38 |
| S32 | 46  | "398"/\$.ccls. and (protect\$7 and work\$7 and WDM and switch\$6 and ((50/50) or (50:50)))     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 15:01 |
| S33 | 257 | ((protect\$7 and work\$7) same WDM) and switch\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 15:20 |
| S34 | 165 | S33 and @ay<="2002"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 15:21 |
| S35 | 9   | (work\$5 adj switch\$5) and (protect\$5 adj switch\$5) and WDM                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 15:32 |
| S36 | 138 | (work\$5 near switch\$5) and ((protect\$5 or back-up or (back adj up)) near switch\$5) and WDM | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 15:33 |
| S37 | 3   | ((switch\$7 adj request\$5) with WDM) and transmit\$7 and receiv\$5                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 17:13 |
| S38 | 4   | ("5903370"   "5978354"   "6414765"   "6434288").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2008/02/11 17:16 |
| S39 | 10  | "398"/5.ccls. and (protect\$7 and work\$7 and WDM and switch\$6 and ((50/50) or (50:50)))      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/02/11 17:34 |

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|     |     |  |                                    |    |     |                  |
|-----|-----|--|------------------------------------|----|-----|------------------|
| S40 | 60  | (switch\$7 with WDM) and transmit\$7 and receiv\$5 and (work\$7 near switch\$5) and ((protect\$7 or back-up or (back adj up)) near switch\$5)    | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/02/11 17:36 |
| S41 | 31  | S40 and @ay<="2002"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/02/11 17:37 |
| S50 | 268 | "398"/\$.ccls. and (switch\$7 with (protect\$7 with work\$5)) and WDM  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/02/12 12:18 |
| S51 | 172 | S50 and @ay<="2002"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/02/12 12:18 |
| S53 | 57  | ((NxM or MxN) near switch\$4)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/02/12 12:21 |
| S56 | 15  | ((NxM or MxN or M:N or N:M or MxM or NxN) near switch\$4) and work\$7 and (protect\$7 or stand-by or (stand adj by) or back-up or (back adj up)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/02/12 12:25 |
| S57 | 37  | "398"/12.ccls. and (switch\$7 and WDM)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/02/12 12:46 |
| S58 | 57  | "398"/19.ccls. and (switch\$7 and WDM)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/02/12 13:04 |
| S59 | 8   | ("5539564"   "5777761"   "6081359"   "6172782"   "6266168"   "6307986"   "6321004"   "6331906").PN.  | US-PGPUB; USPAT; USOCR             | OR | OFF | 2008/02/12 13:27 |
| S60 | 79  | transmit\$5 and receiv\$5 and (switch\$5 near request\$5) and work\$5 and protect\$5 and monitor\$5 and WDM                                      | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/02/12 15:44 |
| S61 | 4   | ("5903370"   "5978354"   "6414765"   "6434288").PN.  | US-PGPUB; USPAT; USOCR             | OR | OFF | 2008/02/12 16:21 |
| S62 | 1   | ("6975811").PN.  | USPAT; USOCR                       | OR | OFF | 2008/02/12 16:23 |
| S63 | 1   | S62 and (protect\$5)   | USPAT                              | OR | OFF | 2008/02/12 16:24 |